Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 04 Mar 2021 until 23:59 on Friday 05 Mar 2021

Forecast Issued on Wednesday 03 Mar 2021 at 11:00

Confidence: High for mainly dry and generally settled conditions, but Medium confidence for cloud amounts and amounts of rain or snow next week.

Headline for Thursday 04 Mar 2021: Mostly cloudy with low cloud, patchy mist and drizzle in morning. Mostly dry and bright in afternoon. Thicker cloud and showery rain after dark, but clearing in evening.

Mountain weather hazards on Thursday 04 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Fog	Fog	Dull	Cloudy	Light snow	Light snow	Cloudy
Precipitation probability							
<05%	10%	10%	10%	<05%	60%	40%	00%

Forecast for Thursday 04 Mar 2021

Weather: Clear spells overnight but low cloud and mist will develop. Then a mostly cloudy and rather murky start with low cloud and perhaps a little drizzle. Cloud slowly lifting and becoming more broken through the morning, with some bright or sunny spells in afternoon, but cloud thickening mid-afternoon to bring some showery rain, though this falling increasingly as snow above 400m. Cloud, rain and snow clearing in evening with some clear spells developing.

Chance of cloud free mountain/hill tops above 600m: 10% at first, 40% by the afternoon, but 20% from mid-afternoon.

Visibility: Generally good beneath cloud, but poor in mist and any drizzle and poor or very poor at height, especially in the morning and after dark, with extensive cloud down to 300-500m, but more broken and mostly above 600m in afternoon.

Forecast for Thursday 04 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 NE	10/16 NE	11/17 NE	14/21 NE	15/22 NE	17/26 NE	14/23 NE	12/20 NE	9/16 NE
300	7/14 NE	7/15 NE	8/16 NE	9/18 NE	10/20 NE	13/25 NE	11/23 NE	7/18 NE	5/14 NE
Valley	8/15 NE	6/14 NE	7/15 NE	8/16 NE	8/17 NE	12/23 NE	11/23 NE	9/19 NE	6/15 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-1/-6	-1/-6	-0/-6	1/-4	0/-6	-1/-7	-2/-7	-2/-7
300	1/-3	1/-3	1/-3	2/-1	4/1	3/-1	1/-3	0/-4	-1/-3
Valley	2/-2	2/-1	2/-1	4/1	7/4	6/2	3/-1	1/-2	0/-3
Freezing Level*	300m	400m	400m	400m	700m	600m	300m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly, but relatively light winds, a significant chill possible over the tops with snow and fresher winds

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 03 Mar 2021	0mm	0.2mm	0.4mm

Forecast for Friday 05 Mar 2021

Weather: Clear spells overnight and a frost developing. Then a chilly, frosty start, with perhaps some fog or freezing fog in valleys, but this will clear in morning then a bright day with sunny spells. Clear spells in evening and frost returning.

Maximum wind: Easterly, later southeasterly 15-20 mph, decreasing 10mph in afternoon

Chance of cloud free mountain/hill tops above 600m: 80-90%

Visibility: Good or very good, but poor or very poor in early fog, but some patchy cloud down to 600m at times

Temperature: **Valleys:** Zero to minus 2 C rising to plus 7 C
At 600m: Zero C
Freezing level: At most levels at first, but main freezing level around 600m